



Clean Version of Substitute Specification for Application No. 10/649,835

## IMAGE FORMING APPARATUS, CARTRIDGE AND STORAGE MEDIUM

### BACKGROUND OF THE INVENTION

#### Field of the Invention

- 5        This invention relates to an image forming apparatus such as a copying machine or a laser beam printer of an electrophotographic type, and a cartridge detachably attachable to the image forming apparatus.

#### Related Background Art

- 10        A known image forming apparatus using an electrophotographic recording process, for example, a laser beam printer, is provided with a photosensitive drum functioning as an image bearing member that is rotatably driven, a charging roller functioning as charging means for uniformly charging the surface of the photosensitive drum, a laser for exposing the surface of the photosensitive drum to light and forming an electrostatic latent image corresponding to an image signal,
- 15        developing means for developing the electrostatic latent image with a toner and forming a visible image, a transferring roller for transferring the visible image (developer image) onto recording paper in the form of a sheet, fixing means for fixing the visible image transferred onto the recording paper, cleaning means, etc.

- 20        In this image forming apparatus, it is known to make the photosensitive drum and the charging roller integral with the cleaning means or the developing means and making them into a cartridge, and to make this cartridge (hereinafter referred to as the process cartridge) detachably attachable to the image forming apparatus to thereby realize a maintenance-free image forming apparatus.